

Appln No. 10/675,227
Amdt date May 23, 2007
Reply to Office action of February 23, 2007

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A press-fit terminal comprising:
a press-fit section press-fitted into and held by a through-hole provided on a wiring board, the press-fit section comprising:
a pressure retaining part configured to exert a first elastic force for holding the press-fit section press-fitted into the through-hole;
an introducing part configured to exert a second elastic force having a second intensity lower than a first intensity of the first elastic force; and
an aperture extending in an axial direction of the press-fit section and formed in the pressure retaining part and the introducing part, wherein a cross-sectional area of said introducing part is smaller than that of said pressure retaining part.
2. (Currently Amended) An electronic equipment comprising:
a wiring board having a through-hole; and a press-fit terminal press-fitted into and held by the through-hole, wherein the press-fit terminal includes a press-fit section comprising:
a pressure retaining part configured to exert a first elastic force for holding the press-fit section press-fitted into the through-hole;
an introducing part configured to exert a second elastic force having a second intensity lower than a first intensity of the first elastic force; and
an aperture extending in an axial direction of the press-fit section formed in the pressure retaining part and the introducing part, wherein a cross-sectional area of said introducing part is smaller than that of said pressure retaining part.
3. (Original) A press-fit terminal according to claim 1, wherein said introducing

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part is formed so that a diameter of the introducing part is gradually reduced when it comes to an end portion.

4. - 5. (Canceled)

6. (Original) A press-fit terminal according to claim 5, wherein when an aperture of said introducing part is formed being extended in the axial direction toward an end portion, the cross-sectional area of the introducing part is adjusted.

7. (Previously Presented) A press-fit terminal according to claim 3, wherein a region of said aperture corresponding to the pressure retaining part is formed small, and a region of the aperture corresponding to said introducing part is formed large.

8. (Previously Presented) A press-fit terminal according to claim 7, wherein the region of said aperture corresponding to the pressure retaining part is formed small so that a reduction in the elastic force of the pressure retaining part, which is caused when the cross-sectional area of said introducing part is decreased, can be made up.

9. (Original) A press-fit terminal according to claim 1, wherein said wiring board is composed of a laminated board.

10. (Original) A press-fit terminal according to claim 1, wherein said wiring board is composed of a laminated board on which a plurality of glass fiber sheets are multiply laminated, and printed wiring is provided on the surface.

11. (Previously Presented) A press-fit terminal according to claim 1, wherein said wiring board is made of a plurality of sheets multiply laminated by resin and an elastic material is contained in the resin for combining-the sheets.

12. (Previously Presented) An electronic equipment according to claim 2, wherein said wiring board is made of a plurality of sheets multiply laminated by resin, having a

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through-hole into which a press-fit terminal is press-fitted so that it can be held, wherein and an elastic material is contained in the resin for combining the sheets.

13. (Previously Presented) An electronic equipment according to claim 12, wherein said elastic material is made of elastic particulates dispersed in the resin of the board.

14. (Previously Presented) An electronic equipment according to claim 13, wherein said elastic particulates are made of one of acrylic rubber, silicon rubber and nitrile butadiene rubber or the elastic particulates are made of a combination in which a plurality of the rubber materials are combined with each other.

15. (Previously Presented) An electronic equipment according to claim 12, wherein said elastic material is filled in a surface layer portion of the board.

16. (Previously Presented) An electronic equipment according to claim 12, wherein an inner circumferential face of said through-hole is made of metal, the hardness of which is higher than that of copper.